

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090822AL\
 Data File : FE037471.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2022 19:59
 Operator : YP\AJ
 Sample : N4520-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 600540642MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2022
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: autoint1.e
 Quant Time: Sep 09 08:19:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.647	6149204	36.387 ug/ml
Spiked Amount 50.000		Recovery =	72.77%
12) S 1-chlorooctadecane (S...	13.070	4943198	38.409 ug/ml
Spiked Amount 50.000		Recovery =	76.82%
Target Compounds			
1) T n-Nonane (C9)	3.037	4702097	30.731 ug/ml
2) T n-Decane (C10)	4.297	5206566	33.770 ug/ml
3) T A~Naphthalene (C11.7)	6.010	5591853	38.813 ug/ml
4) T n-Dodecane (C12)	6.467	5743779	36.323 ug/ml
5) T A~2-methylnaphthalene...	7.103	5736677	41.090 ug/ml
6) T n-Tetradecane (C14)	9.889	6633525	41.864 ug/ml
7) T n-Hexadecane (C16)	9.889	6633525	41.864 ug/ml
8) T n-Octadecane (C18)	11.325	6745005	42.357 ug/ml
10) T n-Eicosane (C20)	12.629	6608212	41.766 ug/ml
11) T n-Heneicosane (C21)	13.237	6321673	40.089 ug/ml
13) T n-Docosane (C22)	13.820	6277035	40.323 ug/ml
14) T n-Tetracosane (C24)	14.919	12047791	80.103 ug/ml
15) T n-Hexacosane (C26)	15.937	5901667	40.756 ug/ml
16) T n-Octacosane (C28)	16.881	6080402	43.890 ug/ml
17) T n-Tricontane (C30)	17.768	5808040	42.696 ug/ml
18) T n-Dotriacontane (C32)	18.595	6101646	45.694 ug/ml
19) T n-Tetratriacontane (C34)	19.377	6137706	48.509 ug/ml
20) T n-Hexatriacontane (C36)	20.113	5796969	45.073 ug/ml
21) T n-Octatriacontane (C38)	20.811	6012229	48.307 ug/ml
22) T n-Tetracontane (C40)	21.598	6398388	49.632 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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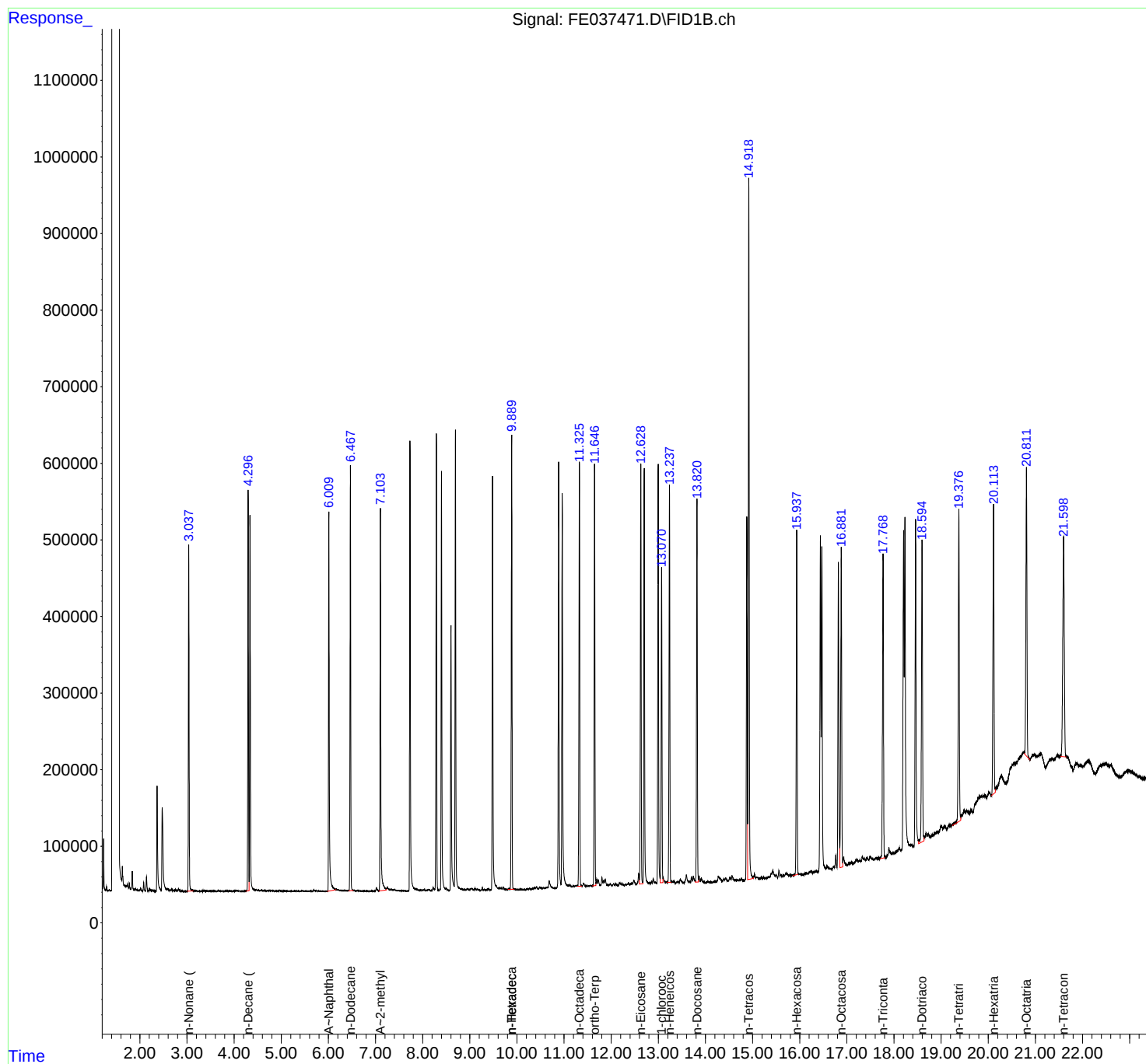
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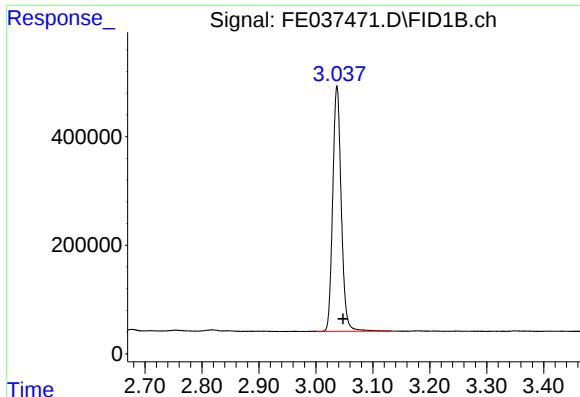
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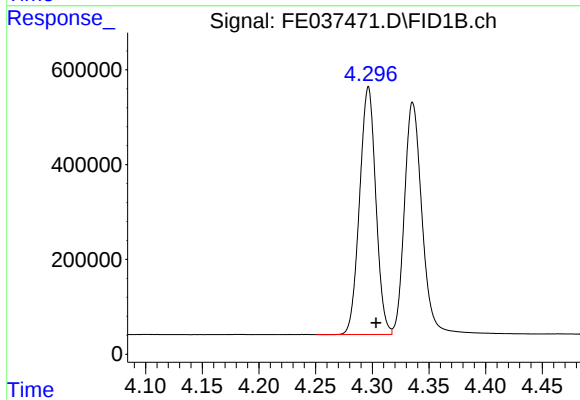
#1 n-Nonane (C9)

R.T.: 3.037 min
Delta R.T.: -0.011 min
Response: 4702097
Conc: 30.73 ug/ml

Instrument :
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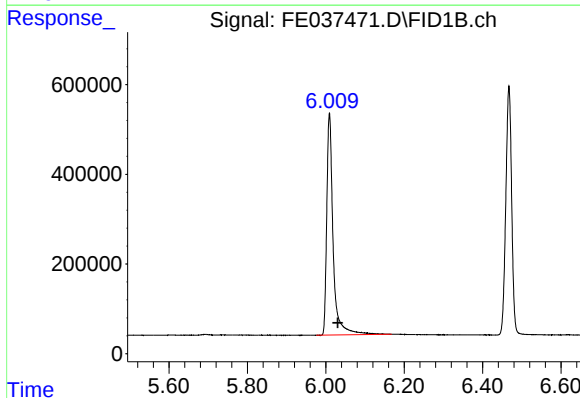
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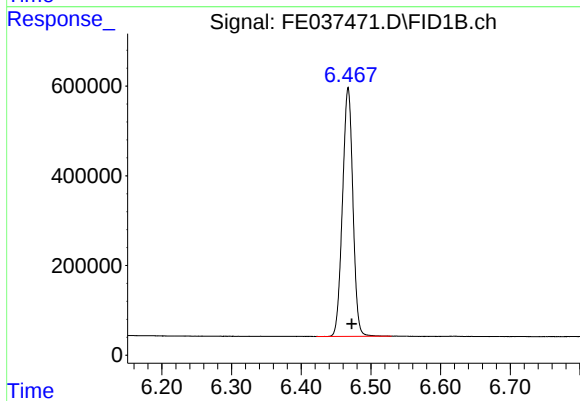
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: -0.007 min
Response: 5206566
Conc: 33.77 ug/ml



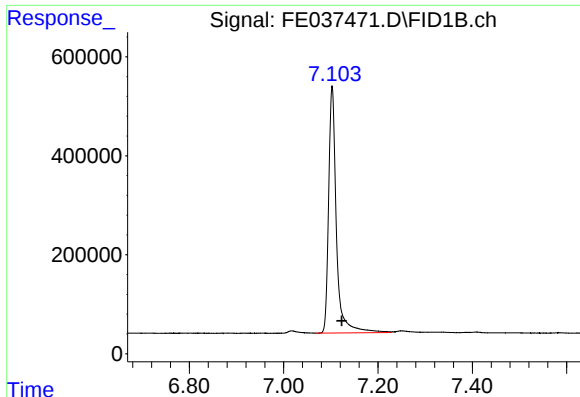
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.021 min
Response: 5591853
Conc: 38.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 5743779
Conc: 36.32 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.020 min
Response: 5736677
Conc: 41.09 ug/ml

Instrument :

FID_E

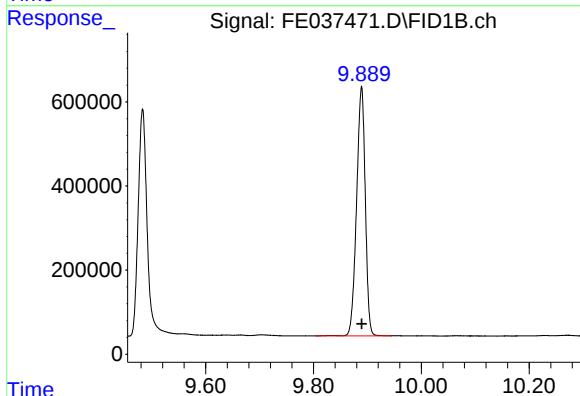
ClientSampleId :

600540642MSD

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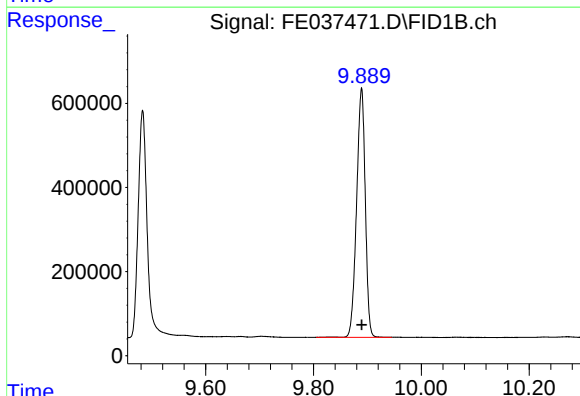
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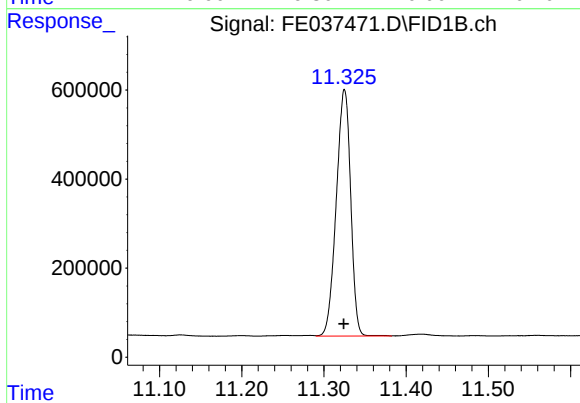
#6 n-Tetradecane (C14)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6633525
Conc: 41.86 ug/ml



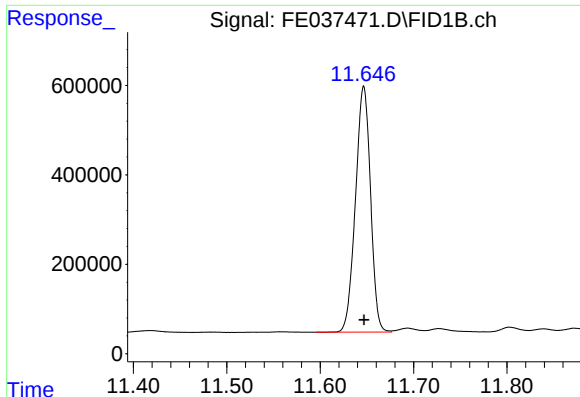
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6633525
Conc: 41.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.000 min
Response: 6745005
Conc: 42.36 ug/ml



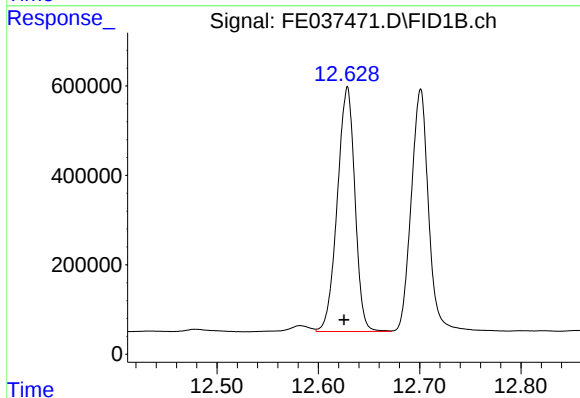
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 6149204
Conc: 36.39 ug/ml

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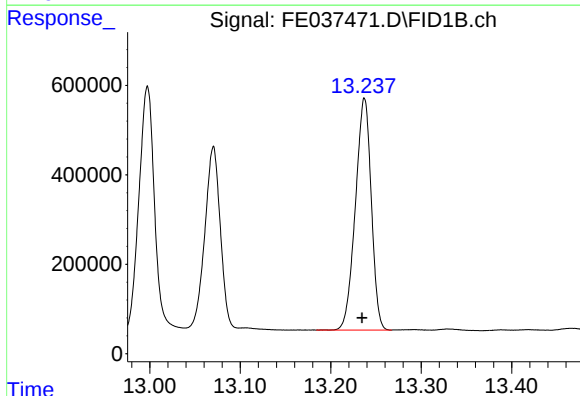
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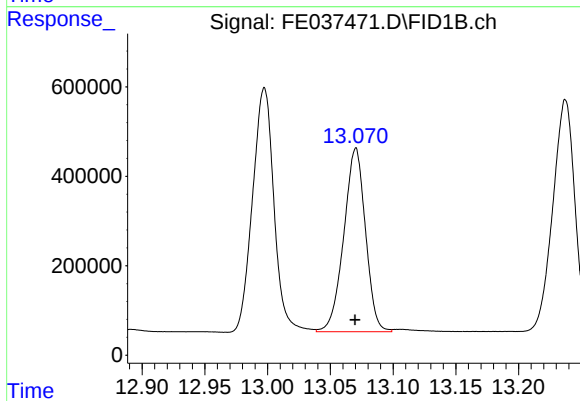
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: 0.003 min
Response: 6608212
Conc: 41.77 ug/ml



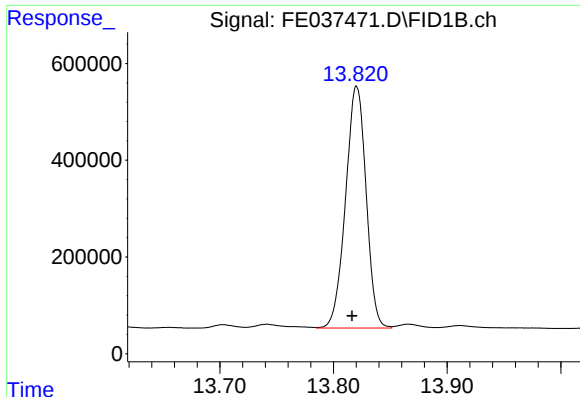
#11 n-Heneicosane (C21)

R.T.: 13.237 min
Delta R.T.: 0.003 min
Response: 6321673
Conc: 40.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.070 min
Delta R.T.: 0.000 min
Response: 4943198
Conc: 38.41 ug/ml



#13 n-Docosane (C22)

R.T.: 13.820 min
Delta R.T.: 0.004 min
Response: 6277035
Conc: 40.32 ug/ml

Instrument :

FID_E

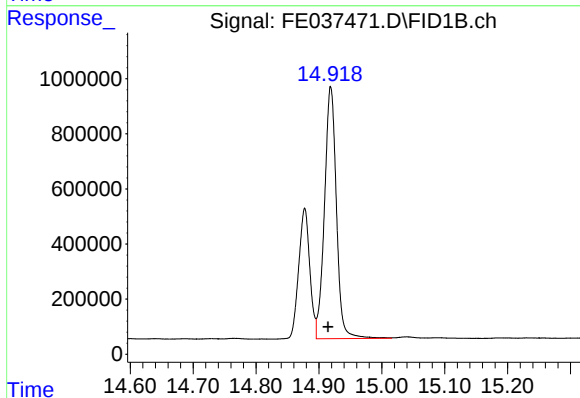
ClientSampleId :

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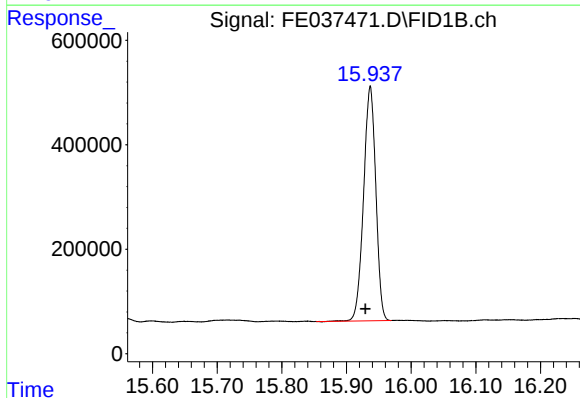
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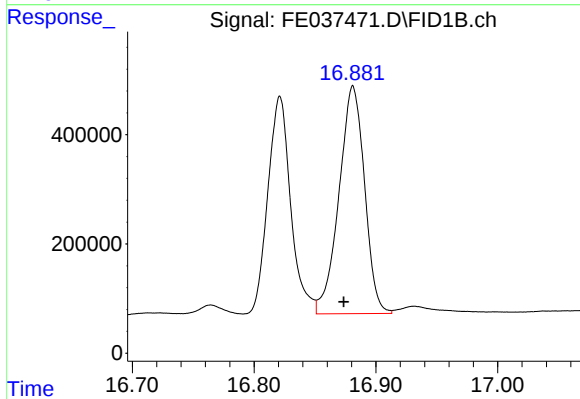
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: 0.004 min
Response: 12047791
Conc: 80.10 ug/ml



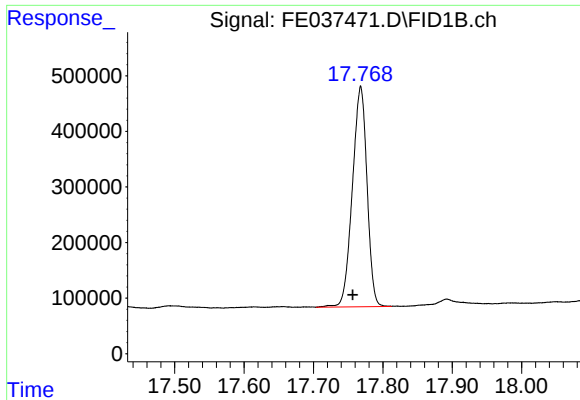
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: 0.007 min
Response: 5901667
Conc: 40.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: 0.008 min
Response: 6080402
Conc: 43.89 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.768 min
Delta R.T.: 0.011 min
Response: 5808040
Conc: 42.70 ug/ml

Instrument :

FID_E

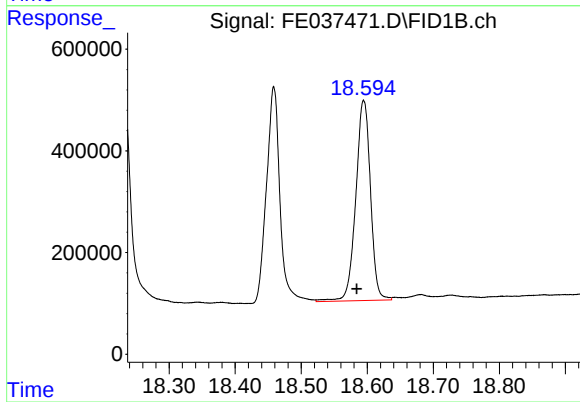
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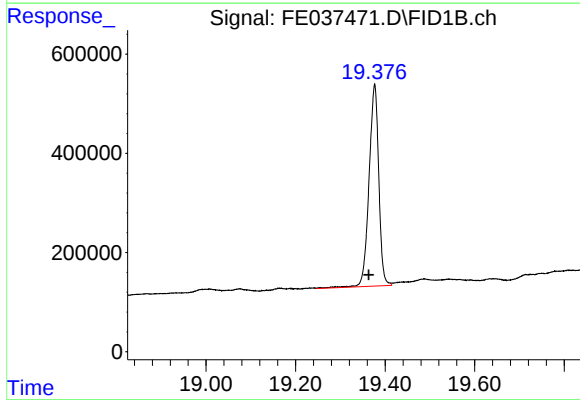
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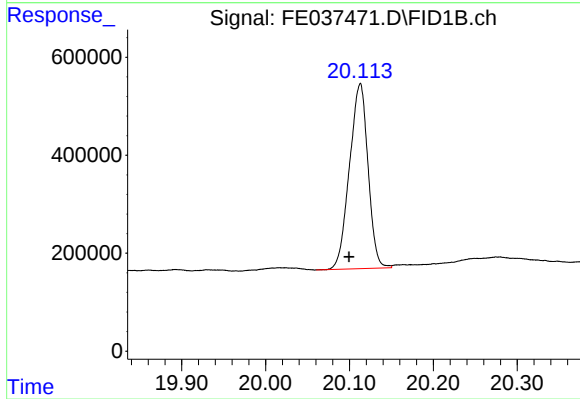
#18 n-Dotriacontane (C32)

R.T.: 18.595 min
Delta R.T.: 0.010 min
Response: 6101646
Conc: 45.69 ug/ml



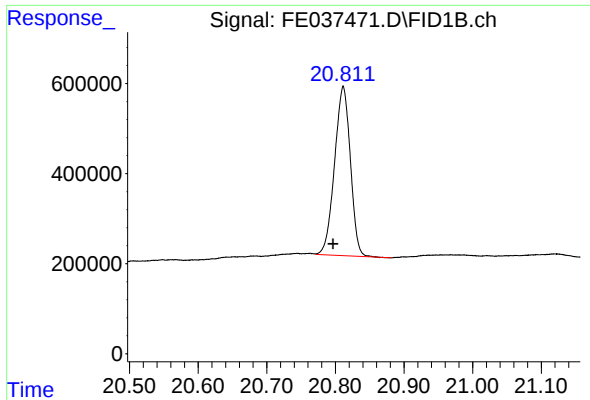
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: 0.013 min
Response: 6137706
Conc: 48.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.113 min
Delta R.T.: 0.014 min
Response: 5796969
Conc: 45.07 ug/ml



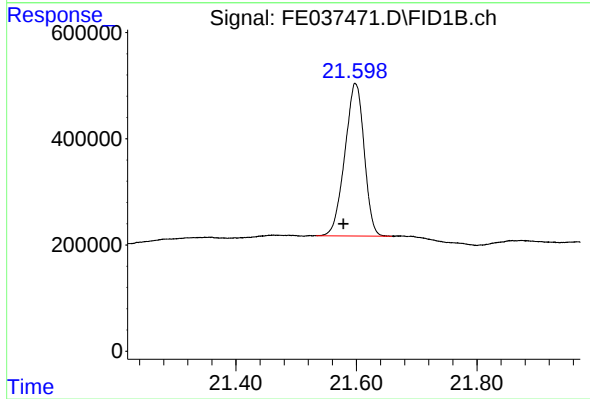
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.015 min
Response: 6012229
Conc: 48.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.019 min
Response: 6398388
Conc: 49.63 ug/ml m